

Luqeeeg M5

Luqeeeg M5 Electric Bike LCD Screen Meter User Manual

Model: M5 (Luqeeegg9zkechw1a)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Luqeeeg M5 Electric Bike LCD Screen Meter. Please read this manual thoroughly before using the product to ensure proper function and longevity.

SAFETY INFORMATION

- Always ensure the power to your electric bike or scooter is off before installing or removing the LCD meter.
- Do not attempt to disassemble or modify the meter. This may void the warranty and cause damage.
- Keep the meter away from extreme temperatures and direct sunlight for prolonged periods.
- While the meter is waterproof, avoid submerging it in water.
- Ensure all connections are secure to prevent electrical issues.

PRODUCT OVERVIEW

The Luqeeeg M5 LCD Screen Meter is designed for electric bikes and scooters, providing essential ride data. It features a clear display, intuitive buttons, and a waterproof design for reliable performance.



Electric Bike LCD Meter

Waterproof Design
in rainy days without fear of getting wet
convenient and practical
Stable and Durable
the wires and interfaces are durable
ensure low failure rate for long time use

Figure 1: Luqeeq M5 LCD Screen Meter mounted on an electric bike.

Components:

- **LCD Display Panel:** Shows speed, battery level (energy bar), trip distance, and cruise mode indicator.
- **Control Buttons:** For operating the meter functions.
- **Mounting Bracket:** For securing the meter to the handlebar.
- **5-Pin Connector Cable:** For connecting to the electric bike/scooter system.

SETUP AND INSTALLATION

Mounting the Meter:

1. Identify a suitable location on your electric bike or scooter handlebar. The mounting opening is designed for 31.8mm handlebars and includes an adapter for 22.2mm handlebars.
2. Loosen the screws on the mounting bracket.
3. Position the meter on the handlebar and tighten the screws securely. Ensure the meter is stable and does not obstruct your view or controls.



Figure 2: Front and back view of the meter with mounting bracket and cable.

Electrical Connection:

1. Locate the 5-pin connector cable on your electric bike or scooter.
2. Align the 5-pin connector from the Luqeeq M5 meter with the corresponding connector on your vehicle.
3. Push the connectors firmly together until they click into place. Ensure the connection is secure and waterproof.
4. The meter is compatible with 24V, 36V, 48V, and 60V systems. The default tag is 36V, but it automatically adjusts to the connected voltage.



Figure 3: Rear view of the meter showing cable entry points.

OPERATING INSTRUCTIONS

Power On/Off:

- To power on the meter, turn on your electric bike/scooter's main power. The LCD screen should illuminate.
- To power off, turn off your electric bike/scooter's main power. The LCD screen will turn off automatically.

Display Functions:

The M5 LCD meter displays the following information:

- **Energy Bar:** Indicates the current battery charge level.
- **Speed:** Shows current riding speed in km/h.
- **Cruise:** Indicates if cruise control is active (if supported by your vehicle).
- **Trip:** Displays the distance traveled during the current trip.
- **Manual:** May indicate manual assist level or mode.



Figure 4: Detailed view of the LCD display showing various metrics.

Button Functions:

The meter features buttons for navigation and control. Specific functions may vary slightly depending on your electric bike/scooter's controller. Refer to your vehicle's manual for detailed button operations.

- Typically, buttons are used to cycle through display modes (e.g., ODO, TRIP), adjust assist levels, or activate/deactivate cruise control.

MAINTENANCE

- **Cleaning:** Wipe the screen and body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Waterproof Design:** The meter features a waterproof design, making it suitable for use in rainy conditions. However, avoid high-pressure washing directly on the screen or submerging the unit.
- **Cable Inspection:** Periodically check the 5-pin connector cable for any signs of wear, damage, or loose connections. Ensure the cable is securely routed and not pinched.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Meter does not power on.	Electric bike/scooter power is off. Loose or disconnected 5-pin cable. Incompatible communication protocol.	Ensure the vehicle's main power is on. Check the 5-pin connector for a secure connection. Verify that your vehicle's controller uses a compatible communication protocol. This meter requires a compatible protocol.
Incorrect speed or distance readings.	Incorrect wheel size setting (if adjustable). Sensor malfunction.	Consult your electric bike/scooter manual for instructions on adjusting wheel size settings. Contact support if the issue persists after checking settings.
Display is dim or flickering.	Low battery voltage. Loose connection.	Charge your electric bike/scooter battery. Check the 5-pin connector for a secure connection.

SPECIFICATIONS

Item Type	Electric Bike LCD Meter
Brand	Luqeeq
Model Number	M5 (Luqeeqg9zkechw1a)
Material	ABS
Voltage Compatibility	24V, 36V, 48V, 60V (Universal)
Connector Type	5 Pin
Mounting Opening	31.8mm (optional 22.2mm adapter)
Weight	190 Grams
Waterproof Rating	Waterproof design (avoid submersion)

WARRANTY INFORMATION

Luqeeq products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact Luqeeq customer support. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or encounter issues not covered in this manual, please contact Luqeeq customer support through the retailer where you purchased the product or visit the official Luqeeq website for contact information.